APRIL/MAY 2025

23PSCA23A — CYBER SECURITY (SEC I)

Time : Three hours | Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

Shanmuga Industries Arts & Science College T.V.Malai

1. Define spyware.
2. What is E-mail spoofing?
3. How to protect your password?
4. What is password manager?
5. Define WIFI.
6. What are the applications of C cleaner?
7. What is protocol?
8. What are the primary phases of digital forensics?
9. What is the purpose of digital forensics?
10. What are the Roles of Law Enforcement Officers?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What is spyware and how does it typically infect a computer?

Or

(b) Write short note on digital Signature.

12. (a) How do you set a secure password?

Or

(b) Explain the safe browsing guidelines for social networking sites.

13. (a) Explain Parker's definition and its four categories of computer crime.

Or

(b) What are the key components of Wi-Fi technology, and how do they contribute to wireless communication?

14. (a) Differences between Civil and Criminal Cases.

Or

(b) Explain about digital evidence seizure methodologies.

Shanmuga Industries Arts & Science College T.V.Malai

15. (a) Define digital forensics and explain its importance in cyber-crime investigations.

Or

(b) Write a short note on firewalls and their applications.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Analyze the importance of antivirus software, firewalls, and steganography in protecting against cyber threats. Discuss how these tools work together to enhance cybersecurity.

17. Discuss the concepts of authenticatioa and security in smart phones.

18. Define Wi-Fi RE and RE scanning. What are the differences between these two concepts in the context of wireless networking.

19. How the explosion of networking influenced the growth of the Internet and the development of digital communication?

20. Discuss the phases of digital forensics and their significance in the investigation of cyber crimes.

———————